Un

Inaugural difertation

Oynanche Frachealis

by Littleton G. Coleman

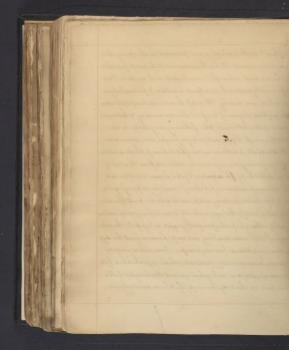
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Cynanche Frachealis

This disease has various appellations applied toil by different author It has been called sufficatio Andula angina Dolypon, the popular name is broup or thives, the latter is a corruption of the word heaves. Unquestionably the best nevelogical title is Trackitis. it very manifestly designates the nature of the complaint & gives uniformity to medical nomenclature I corresponds with Pleuritis Gastritis & all of the other names applied to in flammatory affections. It is considered a disease of modern date Do Home of Edinburgh is considered the first who described the Lisease. he was the professor of Materia Medica in the univer sity of Edinburgh & the cotemperary of kullen boynanche "Trachealisis for the most part corfined to early life, occuring generally between the first & fifth year it sometimes attacks infants in the month & also a dutt subjects. such cases must be considered anomalous deveations from the common course of nature of the complaint. It appears in some instances to belong to families. It is alledged by some that broup is propa gated by contagion but there is no good reason for such a

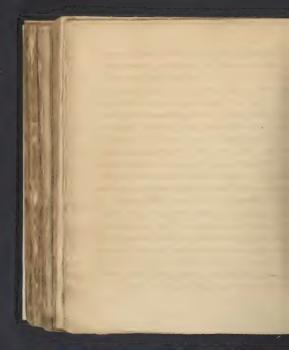
supposition. Dr bullen says it very commonly with the ordinary symptoms of a batarrh, but sometimes the peculiar symptoms of the disease, show themselves at the very first. He says these peace liar symptoms are the following a hoarseness, with some shillings I ringing oound . both in speaking I coughing . as if the noise came from a brazen tube. at the same time there issuence of pain about the Larynx . some difficulty of respiration with a cohizing sound in inspiration, as if the passage of the air were straitened the cough which attends it is commonly dry I if any thing be spit up it is a matter of a purcelent appearance I sometimes films resembling portions of a membrane, Together with those symp toms there is a frequency of the pulse a rest leness & an uneasy sense of heat. When the internal fraces are viwed, they are sometimes without any appearance of inflammation but fre quently a redness I even swelling appear I sometimes in the fauces there is an appearance of matter like lothal rejected by coughing. With the symptoms now described, continues bullen & particularly with great difficulty of breathing & a sense of strangling in the fouces, the patient is sometimes taken offsuddenly broup originates in a moist cold & sustere

atmosphere I on this account is more prevalent in the spring than in any other season. It has been observed to be most prevalent near the sea coast, where the air is loaded with moisture. But it is frequently met with in inland situations, I particularly in those which are marshy. It is less known in temperate than in the nothern regions of Europe. This disease may be distinguish ed from Acute Athma by the following diagnostics. In the former the cough is frequently ringing in our ears, whereas in the latter there is little or no cough in broup there is relden or ever any remission whereas in Acute Asthma it is one of the most striking phenomina of the disease I is attended with some evacuation as belching vomiting or purging, In broup the pulse is strong with much febrile heat the wine high coloured I the voice shrill I small, in acute asking the pulse atthough perhaps equally quick is less full the wine is limped I the voice croaking and deep however great the dyp and the deglutition is free in broup. Tome authors consider the disease as acasionally spedence which is probably a fact. It was considered as such when general trashington fell a victime to it in the neighbourhood of Alexandra verginia

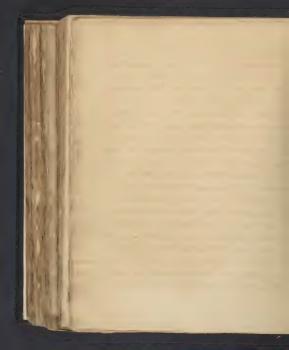


Anno Domini 1799. It is very evident that this complaint is endemial to particular places. It is said the disease is ravely known in Edin burgh but a small sea port town very little way from Edin burgh, is so devolated by larrup as to render it almost impopi-He for the in habitants to raise their children . the same may be said of Baltimore for the disease is revely known there. Whoreas at Fells Point which bears the same relation to Battimore as Lette does to Edin burgh, the disease is very apt to occur. Writer have divided this disease into sparmodic I inflammatory & very considerable discussion has taken place relative to the subject. It would seem that in all cases where it suadenly attacks, it must partake of the nature of sparm. the early symptoms correspond exactly with this view of its pathology and dispections fully confirm it showing where death promptly happens none of the when romina of inflammation. but un der opposite circumstances or where the disease slowly comes on or is the effect of inflammation of other parts, extending to the tracked, then of course it is of a contrary nature I inspections after death have revealed exactly such appearances, as might have

been anticipated . Admitting however the above destruction , wave not aware that it leads to any practical diffe muce. I experially as it relatesto the use of emetics. It me sisputes the indispensable receiptly of actively putring in The commencement of an attack of brough whatever therage may be entertained. We always commence with endea moring to vomit the child freely & for this purpose the To resert antimony is decidedly profesable taken at short atends is this is one of the most certain & pourfull of vil emoties, at the same time we done it the potent to befined in a warm bath & continued in it for ten or fitten minutes, the is an highly useful many it me by fails to promote the operation of the emotic I will ndeed sometimes by itself effect a cure o this is us. of the mobile however to net forthe wits oforstean has proved ineffectual, then we blad reprovely and esteronds repeat the warm bath & motie. The disease must be execution , by obstante of it do not good toikis welment. Powerthelife it recasionally continues with little or no abatement of the symptoms of the disease



on despite (the remeter on fleg. 1, In northese comminner we result to defical betweeny alberty teches , cups it is the intlammation has subir e. & scenffy, blister or ser of smo to the extremities or from me car to the other Athe proceeding unemes fail orif the symptoms one so sissen ing as to require it, a should bleed and relequium anime. When bushed to thuster I at remestation is a most environmy succes fight. The moment speche is produced by renexitien the caugh to resemble. imbeded respiration & fee, all Italy twelf car the touse being thus broken which is dury sheron by the someral; the preceding symptoms & still more by the restoration of the sweeth bucky of the system to the operation of remedies The administer Calemal nat in small & separate was one queraily recommended and in the larged hopoble rose in rider that it may speedly & activity purge, in this stage of the disease exacuations from the alimentergennet corn off the in arrivery of affine I were duale relapsorder por exclusione half ingli berry & to mythicheth supposed breathings and armin one the Semilia a course sectional Herin who querter, the reason of months but Secretion despisagent lest proportion the fraction just merhiand a reapled wholly to the certifier



firming dage of brown Al this perced the disease is get confined The hacken and consists of there in a sparmetic construction of the luke or in an inflammatory lisers of it linning mornton in tist the disease being suffered to continue for eight or len hours in unel mes even lofs lime of extends to the Brown hier and into the way substance of the lungs A rast searcher of mucus raphlym and an inquised croufficulat atale of the componentate places presely as in Periprocumenia Atha the symptoms at this onli in juncture an afferent from them of the first stages in the commencement of an allaste of brough the voice is heave the wash is nord dry and not inaptly compared to the sharpscure of borking or to the crowing of a young checken at the same line where is life of four a constantly degree of ancely and restimejs and an undesembable word-hetness the child will not remain long in one posture and exmot be completely bran just Exer he whime over and feels and reme to be exceeden fy uneary without suffering much positive pain but in the following and more advanced stages all of those symptoms exist which indi cale in interrupted arcutation in the lungs these organs leaded and offerfred are unable to perform their fundered the



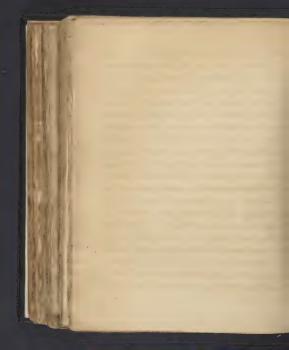
involunence at the same line is mostly the cheeks have a circum withed flush together with some mexture of winess the eye are brommond and implamed the pupil is en tony tel start and the represent of the constraines with and hay art. the restoration in nor is see singly labor our with a full and desturbed inte -The child sinking under the discree the rest ration weamers more from mil , with a reak and inegular eventation. The disense in every respect is for precurenia . Wha , on I must be treat a recor doughy. The inducation in the first place is to mine the lung. and to estation a ine and en ere cerculation . To zerom blash this purson the child should be place I in the worm both and while it is in this wheatens extins miting should be would by colone storeutating condices, as Sulphale of your and if this is not at hand lattensed unbinery. As seen as the pulse will polify the remedy, we should have reconser to renesection, having a little blood at a time, suppressing the floward watching the effect on the system. Lyou find the first bledding beaucial, never bout agree from timeto times witell arran were in this respect are recomprished . The reciping of such lahave arransfeller in the use of the court in this case



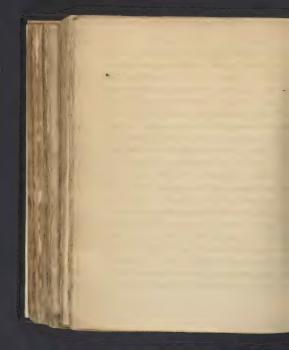
was from sumurle blood being taken out of the circulation and con fined in a half stagnant condition in the lungs so that a small bothen suddenly detracted from the system by the - herakend sussection might reduce the system Edno the paint of reaction and those induce immediate death, but win the case of Parisneumonia Alha , where we cannot at all employ the lanestive very swirthete in its place topical deptition from the shoot by bups or breches. This remedy is of unquestionable admintage. Is cooperating with the previous reveales, a blister of wild be appried with whole of the chest but if the case is so unport would to nin me for the drawing of the blister some means i a more sheed, resection should be substituted as clothes ming out it valing water or pledgets of lent deft in undere i banthon to with spirits of turpentine. The subsequent breatment consuls in the use of expectorards and I there antinomial wine raymed or vinegar of Equille, a decotion of Janega either alone or in combination will answer exceedingly will. Much may be expected althis stage of the diverse from the liveral exhibita of caronal . Some of the Edinburgh brack borers manage Greek fine citally with Calomal the dose is immonse and almost incredible



we must bear in mind that the weespleblely of the order I cre medical imprehous in greatly tominished here if the lands had been wood the susse titlethe of the ogstern would have been auchend & much smaller how of belond would have answered emericy well. Dr Hamilton profesor of mide bory in the wirm ity of Edinhargh is a strong a directo for the use of the submirrote Houseway in brough. Ho tells us in every case where he has ad remotered it previous to the coursench of the leaders - The lips, and other miretal symptoms he has completely succeeded in curing the desease. His mide of employing it a having previous, but the child into a tub of hot water hertest to the ninety worth degree of Ishronheits thormomoton or wrapt up in a blanks man mit of hot water . Is give it a does of from one to fine gries recording to the age enony bour tell the bresthin is evidently relieved when it is gradually discontinued ni ming at first two then three, and finally four or five house Is interiore be lown each dove according to the state of the symptoms , the submurate of morary is no doubt useful in brouk but the profipers mode of wing it to the exclusion of other remedies such as bleaving both generally and to beauty emeties the we cannot recommend



The desert imon assertently more enflummalog, more roph wells prayers and requires the energitic breatment mertioned about It has been wed still is in a peat measure the common time on that the initammentory reflection in brough is that by command to the tracker and bronchion but Les Bretter and li hogge how sported the centrary and have given a menute account of exercise be furtiens of this livenses wherein the lungs were effected with sext. seated inflammation and borns from the formets of these organs from not collapsing, when the chest was exposed and from a kind a paralet in other found in the cotts of the lange . Is hen brough the menuteren health it is by a resolution of the inflammation by a grotion of the spasms by relief to the dy fraces and the vous be coming advant with a copiew and purspecteration of the mathe ending from the trucken H. The unforwardle symplows are conse dendle difficulty on breathing, great and dy violent fever frequent als of engling nexpertentien the vace becoming more it it's The pulse erroyaler and entermelling . Much has been said of the excline of a membrane in the Largex which is sufficied to re necause of death. To much consequence was been allached to this wenterme that an operation has been performed for to removal.



That such a membrane occasionally exists there can be no doubt though it is exceedingly rare. Let & hysich has a proparation of this mombrane, which shows it in its perfect state, and the colorence is white Even if the membrane does exist we do not know that an speration would be of any advantage. the disease does not depond on this a worth lives production. There is great obstruction in the rame pestions of the bronchice and the lungs are alain a very deprefeed I disordered condition. even if the membrane were removed Therefore we would not remove the complaint. It all events we should only pulliate it. Two causes have concured to ronder broup more fatal than it otherwise should been. It is a very popular opin in that children . owing to extreme delicory of constitution cannot bear any very vigorous improfoun of remedies. The common practice covery inert. The two causes rondering broup more fatal than it should be are an erromous idea as respects its pathology of the tuble mode of its management. Sheldren have been found alive at the breast of their mothers who had died from coopsine tocold they reset contagion bottor than adults I reover with probe size from attacks of contagious and other disorders they also surtain very well the operation of active remedies as

rmittie. purging accasing blacker of the lop of blood Buring the genth of the body the perpendice of the fluids totaled of the solid is overdently a greater than exhaut the oy stem has attained to full sign. This full not of the blooding falls rendered hashed particularly liable to inflammatory attacked nearly allof their complaints particle of this character I have they sie often to be blest

